BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the Work : Improvements to Roads,Drains,Footpath and Park in ward no.08,Bytarayanapura Division (Package includes 11 Works of Rs 1010 lakhs)

BYATARAYANAPURA DIVISION

DETAILED MEASUREMENT BOOK

6th & PART BILL

Name Of work : - Improvements to Road,Drain and Footpath in Kannuramma Main Road and abutting Cross Roads in Ward No.8, Kodigehalli

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Job Code :- 008-17-000035, 008-17-000036, 008-17-000037, 008-17-000038, 008-17-000039, 008-17-000040, 008-17-

Name of Agency :- M/s Karthik Enterprises

Bill No :-6th RA and Part Bill

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
16	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)										
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	RHS										
	0.00	12.00	R/S	1	12.00				0.90	10.80	
	12.00	16.50	R/S	1	4.50				0.90	4.05	
	16.50	30.00	R/S	1	13.50				0.90	12.15	
									Total Quantity	27.00	

Assistant Executive E
Kodigehalli Sub Di
Yelahanka Zone, B
Bangalore

TEJUS CONSULTANTS

Consultant

Assistant Engineer

27/12/18

Assistant Executive Engineer

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
55	KSRRB 2100.-2.2: Earthwork in excavation for foundations of structures as per drawings and techincal specifications including, setting out , construction of shoring & bracing , removal of stumps and other deleterious matter , dressing of sides and bottom and backfilling with approved material complete as per specifications .B. Machanical means (i) Depth - 3.0 Mtr to 6.0 m dep										
	Badrappa Layout-A2B Back Side										
	4th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			1.10	0.85	9.35	
	10.00	20.00	R/S	1	10.00			1.10	0.85	9.35	
	20.00	30.00	R/S	1	10.00			1.10	0.85	9.35	
	30.00	40.00	R/S	1	10.00			1.10	0.85	9.35	
	40.00	49.00	R/S	1	9.00			1.10	0.85	8.42	
	49.00	59.00	R/S	1	10.00			1.10	0.85	9.35	
	59.00	69.00	R/S	1	10.00			1.10	0.85	9.35	
	69.00	75.60	R/S	1	6.60			1.10	0.85	6.17	
	75.60	84.00	R/S	1	8.40			0.40	0.85	2.86	Desilt
	84.00	94.00	R/S	1	10.00			1.10	0.85	9.35	
	94.00	104.00	R/S	1	10.00			1.10	0.85	9.35	
	104.00	114.00	R/S	1	10.00			1.10	0.85	9.35	
	114.00	124.00	R/S	1	10.00			1.10	0.85	9.35	
	124.00	134.00	R/S	1	10.00			1.10	0.85	9.35	
	134.00	144.00	R/S	1	10.00			1.10	0.85	9.35	
	144.00	154.00	R/S	1	10.00			1.10	0.85	9.35	
	154.00	164.00	R/S	1	10.00			1.10	0.85	9.35	
	164.00	174.00	R/S	1	10.00			1.10	0.85	9.35	
										157.69	
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	RHS										
	0.00	12.00	R/S	1	12.00			0.95	1.05	11.97	
	12.00	16.50	R/S	1	4.50			0.95	1.05	4.49	
	16.50	30.00	R/S	1	13.50			0.95	1.05	13.47	
	LHS										
	0.00	10.00	L/S	1	10.00			0.95	1.05	9.98	
	10.00	20.00	L/S	1	10.00			0.95	1.05	9.98	
	20.00	23.00	L/S	1	3.00			0.95	1.05	2.99	
	Between 7th and 6th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.95	1.05	9.98	
	10.00	20.00	R/S	1	10.00			0.95	1.05	9.98	
	20.00	24.00	R/S	1	4.00			0.95	1.05	3.99	
	LHS										
	0.00	10.00	L/S	1	10.00			0.95	1.05	9.98	
	10.00	20.00	L/S	1	10.00			0.95	1.05	9.98	
	20.00	24.00	L/S	1	4.00			0.95	1.05	3.99	
	Ramky Shubam Apartment										
	8th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			1.10	0.85	9.35	
	10.00	20.00	R/S	1	10.00			1.10	0.85	9.35	
	20.00	30.00	R/S	1	10.00			1.10	0.85	9.35	

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P.

WOE 2/1/19

986.48

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

C/F 380.49

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	40.00	R/S	1	10.00			1.10	0.85	9.35	
	40.00	47.60	R/S	1	7.60			1.10	0.85	7.11	
	47.60	54.60	R/S	1	7.00			1.10	0.85	6.55	
	54.60	65.00	R/S	1	10.40			1.10	0.85	9.72	
	65.00	75.00	R/S	1	10.00			1.10	0.95	10.45	
	75.00	85.00	R/S	1	10.00			1.10	0.95	10.45	
	85.00	93.00	R/S	1	8.00			1.10	0.95	8.36	
	93.00	102.00	R/S	1	9.00			1.10	0.95	9.41	
	102.00	110.00	R/S	1	8.00			1.10	0.95	8.36	
	110.00	124.00	R/S	1	14.00			1.10	0.95	14.63	
								Total Quantity		**380.87**	**Cu-m**

Checked

2/1/19

TEJUS CONSULTANTS

Consultant

Assistant Engineer N.S 2/1/19

Assistant Executive Engineer

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)										
	Badrappa Layout-A2B Back Side										
	4th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			1.10	0.10	1.10	
	10.00	20.00	R/S	1	10.00			1.10	0.10	1.10	
	20.00	30.00	R/S	1	10.00			1.10	0.10	1.10	
	30.00	40.00	R/S	1	10.00			1.10	0.10	1.10	
	40.00	49.00	R/S	1	9.00			1.10	0.10	0.99	
	49.00	59.00	R/S	1	10.00			1.10	0.10	1.10	
	59.00	69.00	R/S	1	10.00			1.10	0.10	1.10	
	69.00	75.60	R/S	1	6.60			1.10	0.10	0.73	
	75.60	84.00	R/S	0	8.40			0.00	0.00	0.00	Desilt
	84.00	94.00	R/S	1	10.00			1.10	0.10	1.10	
	94.00	104.00	R/S	1	10.00			1.10	0.10	1.10	
	104.00	114.00	R/S	1	10.00			1.10	0.10	1.10	
	114.00	124.00	R/S	1	10.00			1.10	0.10	1.10	
	124.00	134.00	R/S	1	10.00			1.10	0.10	1.10	
	134.00	144.00	R/S	1	10.00			1.10	0.10	1.10	
	144.00	154.00	R/S	1	10.00			1.10	0.10	1.10	
	154.00	164.00	R/S	1	10.00			1.10	0.10	1.10	
	164.00	174.00	R/S	1	10.00			1.10	1.10	12.10	
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	RHS										
	0.00	12.00	R/S	1	12.00			0.95	0.10	1.14	
	12.00	16.50	R/S	1	4.50			0.95	0.10	0.43	
	16.50	30.00	R/S	1	13.50			0.95	0.10	1.28	
	LHS										
	0.00	10.00	L/S	1	10.00			0.95	0.10	0.95	
	10.00	20.00	L/S	1	10.00			0.95	0.10	0.95	
	20.00	23.00	L/S	1	3.00			0.95	0.10	0.29	
	Between 7th and 6th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.95	0.10	0.95	
	10.00	20.00	R/S	1	10.00			0.95	0.10	0.95	
	20.00	24.00	R/S	1	4.00			0.95	0.10	0.38	
	LHS										
	0.00	10.00	L/S	1	10.00			0.95	0.10	0.95	
	10.00	20.00	L/S	1	10.00			0.95	0.10	0.95	
	20.00	24.00	L/S	1	4.00			0.95	0.10	0.38	
	Ramky Shubam Apartment										
	8th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			1.10	0.10	1.10	
	10.00	20.00	R/S	1	10.00			1.10	0.10	1.10	

Consultant

Assistant Engineer

Assistant Executive Engineer
Assistant Executive E
Kodigehalli Sub Div

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	20.00	30.00	R/S	1	10.00			1.10	0.10	1.10	
	30.00	40.00	R/S	1	10.00			1.10	0.10	1.10	
	40.00	47.60	R/S	1	7.60			1.10	0.10	0.84	
	47.60	54.60	R/S	1	7.00			1.10	0.10	0.77	
	54.60	65.00	R/S	1	10.40			1.10	0.10	1.14	
	65.00	75.00	R/S	1	10.00			1.10	0.10	1.10	
	75.00	85.00	R/S	1	10.00			1.10	0.10	1.10	
	85.00	93.00	R/S	1	8.00			1.10	0.10	0.88	
	93.00	102.00	R/S	1	9.00			1.10	0.10	0.99	
	102.00	110.00	R/S	1	8.00			1.10	0.10	0.88	
	110.00	124.00	R/S	1	14.00			1.10	0.10	1.54	
								Total Quantity		**52.45**	**Cu-m**

4.01

Assistant Executive
Kodigehalli Sub D
Yelahanka Zone, B
Bangalore.

Consultant

Assistant Engineer WOB 11/1

Assistant Executive Engineer.
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
64	KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.225 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)									
	Badrappa Layout-A2B Back Side									
	4th Cross									
	RHS									
	Main U-Bars									
	10mm Dia Bars	1	1160	2.15			0.617		1539.51	
	Distribution Bars									
	8mm Dia Bars	1	14	174.00			0.395		962.37	
	Uday Residency Appartment - A2B Back Side									
	Between 7th and 7th A Cross									
	RHS									
	Main U-Bars									
	10mm Dia Bars	1	200	2.35			0.617		290.12	
	Distribution Bars									
	8mm Dia Bars	1	16	30.00			0.395		189.63	
	LHS									
	Main U-Bars									
	10mm Dia Bars	1	153	2.35			0.617		221.94	
	Distribution Bars									
	8mm Dia Bars	1	16	23.00			0.395		145.38	
	Uday Residency Appartment - A2B Back Side									
	Between 7th and 6th Cross									
	RHS									
	Main U-Bars									
	10mm Dia Bars	1	160	2.35			0.617		232.10	
	Distribution Bars									
	8mm Dia Bars	1	16	24.00			0.395		151.70	
	LHS									
	Main U-Bars									
	10mm Dia Bars	1	160	2.35			0.617		232.10	
	Distribution Bars									
	8mm Dia Bars	1	16	24.00			0.395		151.70	
	Ramky Shubam Apartment									
	8th Cross									
	RHS									
	Main U-Bars									
	10mm Dia Bars	1	1088	2.30			0.617		1544.69	
	Distribution Bars									
	8mm Dia Bars	1	15	124.00			0.395		734.81	
							Total Quantity		**6396.07**	**Kg**
									6.40	**Ton**

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

KREJUS CONSULTANTS

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
6	Providing laying plain/ reinforced cement concrete M20 Grade for Box Drain walls of thickness 10cm to 20cm including centering shuttering for work etc. complete as per approved drawing and design MORTH specification No. 1500, 1700, 2200. (P.No.265, I.No.37.59.2 of PW, P&IWTD SR 2016-17										
	Badrappa Layout-A2B Back Side										
	Raft										
	4th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.90	0.15	1.35	
	10.00	20.00	R/S	1	10.00			0.90	0.15	1.35	
	20.00	30.00	R/S	1	10.00			0.90	0.15	1.35	
	30.00	40.00	R/S	1	10.00			0.90	0.15	1.35	
	40.00	49.00	R/S	1	9.00			0.90	0.15	1.22	
	49.00	59.00	R/S	1	10.00			0.90	0.15	1.35	
	59.00	69.00	R/S	1	10.00			0.90	0.15	1.35	
	69.00	75.60	R/S	1	6.60			0.90	0.15	0.89	
	75.60	84.00	R/S	0	8.40			0.00	0.00	0.00	Crosss Road
	84.00	94.00	R/S	1	10.00			0.90	0.15	1.35	
	94.00	104.00	R/S	1	10.00			0.90	0.15	1.35	
	104.00	114.00	R/S	1	10.00			0.90	0.15	1.35	
	114.00	124.00	R/S	1	10.00			0.90	0.15	1.35	
	124.00	134.00	R/S	1	10.00			0.90	0.15	1.35	
	134.00	144.00	R/S	1	10.00			0.90	0.15	1.35	
	144.00	154.00	R/S	1	10.00			0.90	0.15	1.35	
	154.00	164.00	R/S	1	10.00			0.90	0.15	1.35	
	164.00	174.00	R/S	1	10.00			0.90	0.15	1.35	
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	RHS										
	0.00	12.00	R/S	1	12.00			0.75	0.15	1.35	
	12.00	16.50	R/S	1	4.50			0.75	0.15	0.51	Grill Work
	16.50	30.00	R/S	1	13.50			0.75	0.15	1.52	
	LHS										
	0.00	10.00	L/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	L/S	1	10.00			0.75	0.15	1.13	
	20.00	23.00	L/S	1	3.00			0.75	0.15	0.34	
	Between 7th and 6th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	R/S	1	10.00			0.75	0.15	1.13	
	20.00	24.00	R/S	1	4.00			0.75	0.15	0.45	
	LHS										
	0.00	10.00	L/S	1	10.00			0.75	0.15	1.13	
	10.00	20.00	L/S	1	10.00			0.75	0.15	1.13	
	20.00	24.00	L/S	1	4.00			0.75	0.15	0.45	
	Ramky Shubam Apartment										
	8th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.90	0.15	1.35	
	10.00	20.00	R/S	1	10.00			0.90	0.15	1.35	
	20.00	30.00	R/S	1	10.00			0.90	0.15	1.35	

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore.

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	30.00	40.00	R/S	1	10.00			0.90	0.15	1.35	
	40.00	47.60	R/S	1	7.60			0.90	0.15	1.03	
	47.60	54.60	R/S	1	7.00			0.90	0.15	0.95	
	54.60	65.00	R/S	1	10.40			0.90	0.15	1.40	
	65.00	75.00	R/S	1	10.00			0.90	0.15	1.35	
	75.00	85.00	R/S	1	10.00			0.90	0.15	1.35	
	85.00	93.00	R/S	1	8.00			0.90	0.15	1.08	
	93.00	102.00	R/S	1	9.00			0.90	0.15	1.22	
	102.00	110.00	R/S	1	8.00			0.90	0.15	1.08	
	110.00	124.00	R/S	1	14.00			0.90	0.15	1.89	
	Side Wall										
	Badrappa Layout-A2B Back Side										
	4th Cross										
	RHS										
	0.00	10.00	R/S	2	10.00			0.15	0.60	1.80	
	10.00	20.00	R/S	2	10.00			0.15	0.60	1.80	
	20.00	30.00	R/S	2	10.00			0.15	0.60	1.80	
	30.00	40.00	R/S	2	10.00			0.15	0.60	1.80	
	40.00	49.00	R/S	2	9.00			0.15	0.60	1.62	
	49.00	59.00	R/S	2	10.00			0.15	0.60	1.80	
	59.00	69.00	R/S	2	10.00			0.15	0.60	1.80	
	69.00	75.60	R/S	2	6.60			0.15	0.60	1.19	
	75.60	84.00	R/S	0	8.40			0.00	0.00	0.00	Desilt
	84.00	94.00	R/S	2	10.00			0.15	0.60	1.80	
	94.00	104.00	R/S	2	10.00			0.15	0.60	1.80	
	104.00	114.00	R/S	2	10.00			0.15	0.60	1.80	
	114.00	124.00	R/S	2	10.00			0.15	0.60	1.80	
	124.00	134.00	R/S	2	10.00			0.15	0.60	1.80	
	134.00	144.00	R/S	2	10.00			0.15	0.60	1.80	
	144.00	154.00	R/S	2	10.00			0.15	0.60	1.80	
	154.00	164.00	R/S	2	10.00			0.15	0.60	1.80	
	164.00	174.00	R/S	2	10.00			0.15	0.60	1.80	
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	RHS										
	0.00	12.00	R/S	2	12.00			0.15	0.80	2.88	
	12.00	16.50	R/S	1	4.50			0.15	0.45	0.30	
				1	4.50			0.15	0.35	0.24	
	16.50	30.00	R/S	2	13.50			0.15	0.80	3.24	
	LHS										
	0.00	10.00	L/S	2	10.00			0.15	0.80	2.40	
	10.00	20.00	L/S	2	10.00			0.15	0.80	2.40	
	20.00	23.00	L/S	2	3.00			0.15	0.80	0.72	
	Between 7th and 6th Cross										
	RHS										
	0.00	10.00	R/S	2	10.00			0.15	0.80	2.40	
	10.00	20.00	R/S	2	10.00			0.15	0.80	2.40	
	20.00	24.00	R/S	2	4.00			0.15	0.80	0.96	
	LHS										
	0.00	10.00	L/S	2	10.00			0.15	0.80	2.40	
	10.00	20.00	L/S	2	10.00			0.15	0.80	2.40	
	20.00	24.00	L/S	2	4.00			0.15	0.80	0.96	

Assistant Executive Engineer
Kodigehalli Sub Division
Yelahanka Zone, B.B.M.P
Bangalore.

Assistant Executive Engineer.
Kodigehalli Sub Division,
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Bangalore.

Consultant

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division,

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Ramky Shubam Apartment										
	8th Cross										
	RHS										
	0.00	10.00	R/S	2	10.00			0.15	0.60	1.80	
	10.00	20.00	R/S	2	10.00			0.15	0.60	1.80	
	20.00	30.00	R/S	2	10.00			0.15	0.60	1.80	
	30.00	40.00	R/S	2	10.00			0.15	0.60	1.80	
	40.00	47.60	R/S	2	7.60			0.15	0.60	1.37	
	47.60	54.60	R/S	2	7.00			0.15	0.60	1.26	
	54.60	65.00	R/S	2	10.40			0.15	0.60	1.87	
	65.00	75.00	R/S	2	10.00			0.15	0.70	2.10	
	75.00	85.00	R/S	2	10.00			0.15	0.70	2.10	
	85.00	93.00	R/S	2	8.00			0.15	0.70	1.68	
	93.00	102.00	R/S	2	9.00			0.15	0.70	1.89	
	102.00	110.00	R/S	2	8.00			0.15	0.70	1.68	
	110.00	124.00	R/S	2	14.00			0.15	0.70	2.94	
								Total Quantity		**128.06**	**Cu-m**

Assistant Executive Engineer
Kodigehalli Sub Divis
Yelahanka Zone, B.B.
Bangalore.

Assistant Engineer

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Kodigehalli Sub Division

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)										
	Badrappa Layout-A2B Back Side										
	4th Cross										
	RHS										
	0.00	10.60	R/S	1	10.60			0.90		9.54	
	10.60	21.60	R/S	1	11.00			0.00		0.00	
	21.60	24.00	R/S	1	2.40			0.90		2.16	
	24.00	28.00	R/S	1	4.00			0.90		3.60	
	28.00	37.30	R/S	1	9.30			0.90		8.37	
	37.30	40.80	R/S	0	3.50			0.00		0.00	B.S. Slab
	40.80	47.10	R/S	1	6.30			0.90		5.67	
	47.10	56.10	R/S	1	9.00			0.90		8.10	
	56.10	59.10	R/S	0	3.00			0.00		0.00	Desilt
	59.10	65.10	R/S	1	6.00			0.90		5.40	
	65.10	74.10	R/S	1	9.00			0.90		8.10	
	74.10	82.10	R/S	0	8.00			0.00		0.00	C/S Road
	82.10	96.10	R/S	0	14.00			0.00		0.00	B.S. Slab
	96.10	104.10	R/S	1	8.00			0.90		7.20	
	104.10	106.70	R/S	1	2.60			0.90		2.34	
	106.70	114.70	R/S	1	8.00			0.90		7.20	
	114.70	120.70	R/S	0	6.00			0.00		0.00	B.S. Slab
	120.70	130.20	R/S	1	9.50			0.90		8.55	
	130.20	133.80	R/S	1	3.60			0.90		3.24	
	133.80	138.80	R/S	1	5.00			0.90		4.50	
	138.80	141.80	R/S	1	3.00			0.90		2.70	
	141.80	147.80	R/S	1	6.00			0.90		5.40	
	147.80	160.40	R/S	1	12.60			0.90		11.34	
	160.40	161.60	R/S	1	1.20			0.90		1.08	
	161.60	166.60	R/S	1	5.00			0.90		4.50	
	166.60	171.60	R/S	1	5.00			0.90		4.50	
	Uday Residency Appartment - A2B Back Side										
	Between 7th and 7th A Cross										
	LHS										
	0.00	10.00	L/S	1	10.00			0.75		7.50	
	10.00	20.00	L/S	1	10.00			0.75		7.50	
	20.00	23.00	L/S	1	3.00			0.75		2.25	
	Between 7th and 6th Cross										
	RHS										
	0.00	10.00	R/S	1	10.00			0.75		7.50	
	10.00	20.00	R/S	1	10.00			0.75		7.50	
	20.00	24.00	R/S	1	4.00			0.75		3.00	
	LHS										
	0.00	10.00	L/S	1	10.00			0.75		7.50	
	10.00	20.00	L/S	1	10.00			0.75		7.50	
	20.00	24.00	L/S	1	4.00			0.75		3.00	
	Ramky Shubam Apartment										
	8th Cross										
	RHS										

Consultant

Assistant Engineer

Assistant Executive Engineer
Rodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.

Measurements recorded on

Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	0.00	10.00	R/S	1	10.00			0.90		9.00	
	10.00	20.00	R/S	1	10.00			0.90		9.00	
	20.00	30.00	R/S	1	10.00			0.90		9.00	
	30.00	40.00	R/S	1	10.00			0.90		9.00	
	40.00	44.00	R/S	0	4.00			0.00		0.00	B.S. Slab
	44.00	54.00	R/S	1	10.00			0.90		9.00	
	54.00	62.00	R/S	1	8.00			0.90		7.20	
	62.00	74.00	R/S	1	12.00			0.90		10.80	
	74.00	78.00	R/S	0	4.00			0.00		0.00	B.S. Slab
	78.00	93.00	R/S	1	15.00			0.90		13.50	
	93.00	102.00	R/S	1	9.00			0.90		8.10	
	102.00	110.00	R/S	1	8.00			0.90		7.20	
	110.00	124.00	R/S	1	14.00			0.90		12.60	
								Total Quantity		**271.14**	**Sq-m**

Assistant Executive Engineer
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Bangalore.

Measurements recorded on										
Name Of work : - Improvements to Road,Drain and Footpath in Main Road and abutting Cross Roads of Kannuramma Layout in Ward No.8, Kodigehalli										
BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Culvert									
	A2B Back Side									
	7th Cross									
			1	5.00			1.5		7.50	
	Devinagar Main Road									
	5th Cross		1	5.00			1.5		7.50	
	4th Cross		1	5.00			1.5		7.50	
							Total Quantity		**22.50**	**Sq.m**

Assistant Executive Engineer
Kodigehalli Sub Division
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Bangalore

Consultant

Assistant Engineer

11/2

Assistant Executive Engineer

Assistant Executive Engineer
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